



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## NOTES

The Thirtieth Annual Meeting of the American Economic Association will be held in Philadelphia beginning Thursday, at ten a. m., December 27, 1917. The American Political Science Association, American Sociological Society, American Statistical Association, American Association for Labor Legislation, American Historical Association, American Farm Management Association, and the Association of Accounting Instructors, will also meet in Philadelphia during that week.

Among the papers to be read at the meetings of the American Economic Association are: "Federal taxes upon income and excess profits," by T. S. Adams; "Report of the committee on land colonization," by B. H. Hibbard, chairman; "Farm management investigations relative to utilization of land," by W. J. Spillman of the Department of Agriculture; "Present valuation of railroads by the Interstate Commerce Commission," by John Bauer; "Federation of city, state, and federal systems of employment offices," by Henry R. Seager; "Lessons from English labor experience during the war," by M. B. Hammond; "Plan of the Department of Agriculture and its operation" (in the employment of labor), by E. V. Wilcox of the Department of Agriculture; "Social control of the accumulation and distribution of wealth," by E. C. Hayes; "Motives of economic life," by Carleton H. Parker; "New aspects of price and value problems," by Benjamin M. Anderson, Jr.; "Some contributions of the war to our knowledge of money and prices," by Irving Fisher; "Coöperation with the states" (in government activity in war time), by Arthur W. McMahon; and "New problems of governmental efficiency," by Arthur N. Holcombe.

Presidential addresses will be as follows: "Ideals as a factor in future control of international society," by George E. Howard, president of the American Sociological Society; "The nature and future of international law," by Munroe Smith, president of the American Political Science Association; and "Economic reconstruction," by John R. Commons, president of the American Economic Association.

Since August 1, 1917, the following names have been added to the membership of the American Economic Association:

Anderson, G. L., 697 Stowell Ave., Milwaukee, Wis.

Arbuthnot, E. H., Dyer Packing Company, Vincennes, Ind.

Blood, Robert C., 4747 Teiper St., Frankford, Philadelphia, Pa.

- Bowers, John H., Stillwater, Okla.  
Chancellor, William E., 804 Beall Ave., Wooster, Ohio.  
Dolmetsch, R., 780 West End Ave., New York City  
Emmert, N. A., 1526 S. State St., Chicago, Illinois  
Gasson, R. H., Army Y. M. C. A., Fort Mason, California  
Goldman, Maurice A., Milford Mfg. Co., Milford, N. H.  
Grube, O., 3524 East 14th St., Oakland, California  
Hamblin, G. B., Whitinsville, Mass.  
Hayes, F. B., Toronto Carpet Mfg. Co., Toronto, Canada  
Higgs, Joseph, Box 233, Lafayette, Ind.  
Kane, Peter J., 54 William St., New York City  
Keith, Charles S., Keith and Perry Bldg., Kansas City, Mo.  
Lane, Alfred M., 4121 Forest Park Blvd., St. Louis, Mo.  
Lewis, Roland C., 606 West 5th St., Sterling, Ill.  
Lilly, Lewis, University of Washington, Seattle, Wash.  
Longley, C. J., 905 Widener Bldg., Philadelphia, Pa.  
Mahone, Albert W., 929 Stock Exchange Bldg., Chicago, Ill.  
Mansley, R. H., 54 William St., New York City  
Marx, Sigmund J., 1619 Real Estate Trust Bldg., Philadelphia, Pa.  
Miller, Thomas A., 1410 Baxter St., Toledo, Ohio  
Osborn, George A., Rutgers College Library, New Brunswick, N. J.  
Paton, W. A., 1319 Wells St., Ann Arbor, Michigan  
Paz, Ezequiel, Avenida de Mayo, Buenos Aires, Argentina, S. A.  
Philipp, Reinhard, 3 Sonoma Place, Holyoke, Mass.  
Pian, Charles H., Seymour Road, British Concession, Tientsin, China  
Pittman, Alfred, 2138 California St., Washington, D. C.  
Rice, L. G., 3579 Monteith Ave., Cincinnati, Ohio  
Robertson, James P., 533 Henry Bldg., Seattle, Wash.  
Roden, Ernest A., 614 Mercantile Bldg., Cincinnati, Ohio  
Schopbach, Charles H., Care of International Corset Co., Aurora, Ill.  
Scobie, John C., 54 William St., New York City  
Schroeder, Edward H. A., 524 Lake Drive, Milwaukee, Wis.  
Scott, A. D., 633 Bergen Ave., Jersey City, N. J.  
Sealy, E. D., 377 Broadway, New York City  
Severance, F. L., Care of Irving Pitt Mfg. Co., Kansas City, Mo.  
Silsbee, N. F., 180 Savin Hill Ave., Dorchester, Mass.  
Stevens, Elmer O., 30 Church St., New York City  
Storey, J. C., Navy Y. M. C. A., Naval Training Station, San Francisco, Cal.  
Stout, C. F. C., Care of John R. Evans & Co., 419 Arch St., Philadelphia, Pa.  
van Riemsdijk, L. J. F., 400 Garry Bldg., Winnipeg, Manitoba, Canada  
Taylor, Tom, Porum, Okla.  
Titus, C. G., Army Y. M. C. A., Camp Fremont, Palo Alto, California  
Williams, H. D., 54 William St., New York City  
Wrye, Walter C., 1695 Elmwood Ave., Buffalo, N. Y.  
Young, Walter S., School of Commerce and Finance, Peking, China  
Zia, M. K., Equitable Trust Co., 37 Wall St., New York City

ALPHA ZETA PI. Serious demands have been made upon the students of human society during this war, and even more serious de-

mands are going to be made upon them in the period of social reconstruction which must come after the war. Unless students of society are prepared to furnish the social information which the world will need, unless they can show the same standards of scholarship, the same scientific detachment with zeal for the truth and humanity, which the best students of the physical sciences show, not only the world, but the social sciences will suffer. It is time that the social sciences were lifted to a new plane of scholarship and of scientific and academic recognition. For the leadership of this twentieth century world should belong to the social sciences, not to the physical sciences; and this needs to be both said and recognized.

The Alpha Zeta Pi society (taking as its motto Aristotle's dictum, *Anthropos zoön politikon*) was founded at the University of Missouri in 1915 to do this work of lifting the social sciences to a new plane of scholarship and of recognition. Strangely enough the society was initiated by one not directly specializing on the problems of the social life—by Professor Max F. Meyer, professor of experimental psychology at the University of Missouri. He saw that there was need of a society to do for the social sciences what Sigma Xi was doing for the sciences of physical nature—to secure them recognition, to promote their academic interests, and to encourage research and scholarship in them, among both students and faculty. It is not particularly to the credit of academic men in these social sciences that Professor Meyer's idea was not taken up enthusiastically and local branches of the society organized in all leading institutions; for the society exists not to confer another honorific decoration, but for serious work.

It may be said that we already have the American Historical Association, the American Economic Association, the American Political Science Association, the American Sociological Society, and similar bodies. But these are not strictly academic societies, and they cannot perform the work which Alpha Zeta Pi is designed to accomplish, any more than the American Zoölogical Society can perform the work of Sigma Xi.

The undersigned happens to be the president of the local chapter of Alpha Zeta Pi at the University of Missouri for the current academic year. He will be glad to render any assistance he can in organizing chapters in other institutions. No national organization has yet been formed. It is not for the University of Missouri chapter to say what conditions will govern admission to a national organization if such should ever be formed; that the national organization would have to determine. In the meantime I would urge that in all institu-

tions where it is desired to promote high standards of scholarship in the social sciences similar societies be organized; if possible, on broad lines, including all faculty members who have a genuine interest in the scientific study of the social life and all seniors and graduate students who show decided promise of achievement in those lines.

CHARLES A. ELLWOOD.

*University of Missouri,  
Columbia, Mo.*

The National Institute of Social Sciences will meet at the Hotel Astor, New York City, January 18, 1918, at 3 p. m., to discuss "Reconstruction After the War: Its Political, Economic, and Social Aspects." The program of the meeting may be obtained from Dr. Erla Rodakiewicz, 225 Fifth Ave., New York City.

Dr. N. I. Stone is engaged in a study of wage conditions in factories manufacturing army clothing, with a view to the standardization of piece rates paid to workers on these garments, under the power conferred upon the recently created Board of Control of Labor Standards in Army Clothing.

Professor Richard T. Ely is undertaking, in connection with his research work for the University of Wisconsin, a comprehensive investigation in the field of the cut-over and unsettled lands of northern Wisconsin. There are some 13,000,000 acres of such land, presenting along with similar areas in Minnesota and Michigan the largest unsettled land area east of the Rocky Mountains.

Professor Fred R. Fairchild has been engaged for a part of the summer by the Pacific Gas and Electric Company in the preparation of its case before the United States District Court in a suit to test the legality of certain rates for gas as fixed by the Board of Supervisors of the City of San Francisco.

Professor J. B. Clark, in the *Yearbook of the Carnegie Endowment for International Peace*, for 1917, reports in regard to the preparation of a collection of data for an economic history of the war. The Division of Economics and History of the Carnegie Endowment has also undertaken to study economic conditions in China, Japan, and our own Pacific States.

Professor L. C. Marshall and Professor Charles H. Judd, of the University of Chicago, are editing the series of *Lessons in Community and National Life*, published by the Bureau of Education and the United States Food Administration for use in the elementary, intermediate, and high schools of the country.

Assistant Professor G. G. Huebner, of the University of Pennsylvania, has written a series of papers on railroad traffic which are appearing bimonthly in *The Traffic World*.

The autumn issue of the *American Labor Legislation Review* furnishes a brief analysis of the labor laws enacted during 1917 by some fifty regular and special state legislative sessions and by Congress. A universal eight-hour law in Alaska, eight-hour laws for women in Montana and Nevada, establishment of the legal minimum wage in Arizona, adoption of workmen's compensation acts in Delaware, Idaho, New Mexico, South Dakota, and Utah, and creation of commissions to study health insurance in California, Connecticut, Illinois, Massachusetts, New Hampshire, Ohio, Pennsylvania, and Wisconsin, are among the outstanding features. Several shortsighted attempts to lower labor protective standards during the war were successfully opposed.

The General Index to volumes 1 to 10 (1906-1916) of the *American Political Science Review* and to the ten volumes of *Proceedings* of the American Political Science Association (1904-1913) may be obtained for one dollar a copy from Professor Chester Lloyd Jones, Madison, Wisconsin. It is a subject and author index, including articles, notes, and book reviews, with cross references, making a pamphlet of about 120 pages of the same size and style as the Review.

In addition to those noted in the lists of New Books are the following publications:

Appleton: *Principles of Ocean Transportation*, by Emory R. Johnson and G. G. Huebner, which is a revised and enlarged edition of *Ocean and Inland Water Transportation*.

Century Company: *An Historical Introduction to Social Economy*, by F. Stuart Chapin.

Doubleday, Page: *The Trust Problem*, by J. W. Jenks, fourth edition enlarged, and completely revised.

Dutton: *The British Shipping Industry*, by Edgar Crammond.

Engineering Magazine Company: *The Application of Efficiency Principles*, by George H. Shepard.

Harvard University Press: *Ancient Customs Duties of England*, by Norman S. B. Gras; *State Tax Commissions*, by Harley L. Lutz; *Trade Navigation between Spain and the Indies in the Time of the Hapsburgs*, by Clarence H. Haring.

Houghton Mifflin: *The Theory and Practice of Scientific Management*, by C. Bertrand Thompson.

Longmans, Green: *Contemporary Theories of Unemployment and of Unemployment Relief*, by Frederick C. Mills; *The Works Manager Today*, by Sidney Webb.

Princeton University Press: *Coöperative Marketing: Its Advantages as Exemplified in the California Fruit Growers Exchange*, by W. W. Cumberland; *Postal Savings*, by Edwin W. Kemmerer.

Ronald Press Company: *Department Store Merchandise Manuals: Notions*, by M. A. Souder; *Jewelry*, by Beulah E. Kennard; *Leather Goods*, by Mary A. Lehmann; *Cotton and Linen*, by Eliza B. Thompson.

T. Werner Laurie, Ltd.: *Women's Work in War Time: A Handbook of Employment*, compiled and edited by Mrs. H. M. Usborne.

### *Appointments and Resignations*

Professor T. S. Adams has obtained a year's leave of absence from Yale University to act as an expert in the Treasury Department at Washington, in the Bureau of War Revenue Statistics.

Professor E. E. Agger, of Columbia University, is executive secretary of the Liberty Loan Committee for Federal Reserve District No. 2.

Mr. W. Scott Boyce has been appointed professor of economics at Connecticut College for Women.

Dr. James E. Boyle, field agent in marketing at the North Dakota Experiment Station, has been given a leave of absence to conduct the field work for the Bureau of Markets in studying the grain trade under the Food Survey Investigation act.

Mr. F. W. Breimeier, of the Wharton School of Finance and Commerce, University of Pennsylvania, is in the service of the Federal Trade Commission for economic investigations.

Professor Ralph Starr Butler, of the New York University School of Commerce, Accounts and Finance, has been given leave of absence for the year 1917-1918 and is now with the United States Rubber Company.

Dr. C. M. Case, formerly professor of sociology at Penn College, Oskaloosa, is now associate professor of sociology at the State University of Iowa.

Mr. S. S. Catell has been appointed assistant professor of accounting at the University of Kansas.

Professor R. E. Chaddock, of Columbia University, in the spring of

1917 acted as expert investigator in the Bureau of Efficiency at Washington.

Dr. Frederic E. Clark, who substituted last year for Professor E. D. Jones at the University of Michigan, has been appointed head of the department of economics at the University of Delaware.

Professor Walter E. Clark, head of the department of political science in the College of the City of New York, has been elected president of the University of Nevada and is to take office January 1.

Mr. Fred C. Croxton, formerly chief statistician of the Industrial Commission of Ohio and now director of the Social Service Department of the Ohio Institute for Public Efficiency, has been made food administrator in Ohio.

Mr. W. W. Cumberland, assistant professor of economics at the University of Minnesota, has been granted leave of absence to take part in a scientific investigation of the economic and social conditions of Mexico. Mr. Cumberland has also been named to succeed Professor E. Dana Durand as chief of the division of research in agricultural economics at the University of Minnesota.

Mr. Samuel H. DeVault has been appointed research assistant in agricultural economics at the Massachusetts Agricultural College, and is engaged upon a study of the marketing of tobacco, with especial reference to the Connecticut Valley.

Dr. Edward T. Devine, professor of social economy in Columbia University, after a month spent in studying the work that is being done for crippled soldiers and sailors in England and France, has been appointed chief of the Bureau of Refugees and Home Relief, under the American Red Cross Commission to France. Dr. Devine will have charge of the relief work for the 850,000 refugees outside of Paris.

Professor Carroll W. Doten is on leave of absence from the Massachusetts Institute of Technology and is serving as head of the Information Division in the Industrial Service Department of the Emergency Fleet Corporation of the United States Shipping Board at Washington.

Mr. Paul Howard Douglas is teaching this year at Reed College, Portland, Oregon.

Professor E. Dana Durand has been granted a leave of absence from the University of Minnesota in order to work with the National



Food Administration. In coöperation with Mr. Harry A. Wheeler, State Food Administrator for Illinois, he is carrying on an investigation of the packing industry in its relation to the food situation during the war.

Professor J. B. Ebersole, of the University of Minnesota, has been granted a leave of absence and is serving as cashier of the State Deposit Bank of Minneapolis.

Mr. G. W. Eckelberry has been appointed instructor in economics at the Ohio State University.

Mr. William S. Edsall, assistant in finance at the New York University School of Commerce, Accounts, and Finance, is on leave of absence for the duration of the war. He is chief electrician at the Submarine Base, New London, Connecticut.

Professor Fred R. Fairchild, of Yale University, is on leave of absence for the first half of the current academic year.

Mr. Maxwell Ferguson, recently instructor in economics at Hamilton College and at Vassar College, has been appointed assistant professor of economics at the University of Kansas.

Professor Clytus A. Freeman, of the United States Census Bureau, is acting as associate professor of economics in the University of Nebraska during the absence of Professor Stephens.

Mr. William J. Goggin has been appointed instructor in accounting at the College of Business Administration of Boston University.

Dr. Frank A. Golder, who has been doing research work in Petrograd, has returned to the State College of Washington, at Pullman.

Professor John H. Gray, of the University of Minnesota, will remain on leave for the current year continuing his work with the Interstate Commerce Commission as valuation expert.

Mr. E. S. Gregg has been appointed instructor in economics at the University of Texas.

Assistant Professor John M. Gries has been appointed acting director of the Bureau of Business Research at Harvard University in the absence of Professor Melvin T. Copeland.

Professor M. B. Hammond, of the Ohio State University, is one of the members of the Social Insurance Commission recently appointed by Governor Cox to investigate and report to the next legislature on the subject of health insurance, sickness insurance, and old age insurance.

Dr. Max S. Handman, of the University of Chicago, has been appointed professor of sociology at the University of Texas.

Dr. J. Anton de Haas has resigned his position as associate professor of business administration at the University of Texas to become professor of economics in the College of Commerce at the Ohio State University, having charge of the courses in accounting and industrial management. During the summer Dr. de Haas was employed as examiner by the Federal Trade Commission and was in charge of the lead and zinc cost investigation.

Professor R. H. Hess, of the University of Wisconsin, is on leave of absence and is a captain in the Quartermaster's Department at Washington and Boston, assisting in the reorganization of the business administration of the department.

Professor Willard E. Hotchkiss has resigned his position as professor of economics and dean of the School of Commerce of Northwestern University to accept the position of professor of economics and director of business education in the University of Minnesota. Professor Hotchkiss is also serving as chairman of the department of economics at Minnesota.

Dr. George M. Janes, recently at the University of Washington, has been appointed assistant professor and acting head of the department of economics at the University of North Dakota.

Mr. Robert J. McFall, instructor in economics at the University of Minnesota, is now serving in the Dominion Bureau of Census and Statistics at Ottawa and is also assisting in the Canadian food control.

Dr. Frank L. McVey has resigned from the presidency of the University of North Dakota and become president of the University of Kentucky.

Professor A. H. Melville is on leave of absence from the University of Wisconsin and is acting as secretary of the Wisconsin State Council of Defense.

Mr. Thomas W. Mitchell has resigned his position as assistant professor of economics at the University of Minnesota to accept a position in the production department of the Acme Wire Company of New Haven, Connecticut.

Mr. D. W. Morton, who has been dean of the School of Commerce at the University of Oregon for the last two years, is now professor of accounting at the College of Business Administration of Boston University.

Mr. Phillip B. Kennedy, on leave of absence from the New York University School of Commerce, Accounts and Finance while commercial attaché to Melbourne, Australia, has been appointed commercial attaché to the Legation at London.

Miss Hazel Kyrk, instructor in economics in Oberlin College, has been granted a year's leave of absence for further study.

Professor H. E. Person is on leave of absence from the Amos Tuck School of Dartmouth College for the duration of the war and is serving on the Storage Committee of the War Industries Board, having charge of the Personnel Department.

Mr. H. H. Preston has been appointed assistant professor of economics at Oberlin College.

Mr. A. S. Prickett has received appointment in the department of economics at the University of Illinois.

Professor George E. Putnam, of the University of Kansas, has been made professor of economics at Washington University, St. Louis.

Professor Frank U. Quillin has resigned his position as head of the department of economics at Knox College to become associate professor of business administration in the College of Commerce and Business of Toledo, Ohio, Municipal University.

Mr. B. Carroll Reece, instructor in finance at the New York University School of Commerce, Accounts and Finance, has leave of absence for the duration of the war and is lieutenant in Company A, in the 166th Infantry.

Mr. W. H. Reeves, of the Wharton School of Finance and Commerce, University of Pennsylvania, is in the service of the Federal Trade Commission for economic investigations.

Mr. E. C. Robbins, of the University of Oregon, has been appointed assistant professor of economics at the University of Minnesota.

Dr. W. A. Robinson has been appointed professor of economics and business management at Olivet College.

Dr. James Harvey Rogers has leave of absence from the University of Missouri and is engaged in statistical work under Dr. Leonard P. Ayres, Director of Organization and Statistics, Council of National Defense.

Professor E. A. Ross, of the University of Wisconsin, is in Russia during the first semester on leave of absence, representing the Amer-

ican Institute of Social Service and investigating the social and economic conditions in the country.

Dr. Frederic A. Russell resigned his position as instructor of economics at the University of Illinois to accept a position as professor of economics at the University of Washington.

Assistant Professor Erwin H. Schell is in charge of the course in business management at the Massachusetts Institute of Technology.

Professor Henry R. Seager, of Columbia University, is serving as secretary of the Labor Control Board of the United States Shipping Board at Washington.

Mr. H. E. Sheppard has been appointed instructor in economics at the Ohio State University.

Dr. Kemper Simpson has been appointed an examiner for the Federal Trade Commission.

Mr. Mark A. Smith has been appointed assistant professor of economics at the University of Kansas.

Professor George A. Stephens has been granted leave of absence from the University of Nebraska to assist in the food investigation as examiner in the Federal Trade Commission.

Mr. Russell A. Stevenson has been promoted to an assistant professorship at the State University of Iowa.

Professor Frank T. Stockton, formerly assistant professor of economics and sociology at the University of Indiana, is now dean of the College of Arts and Sciences and professor of economics at the University of South Dakota.

Dr. Charles J. Stowell has been appointed head of the department of economics at Marionville College, Missouri.

Professor Lorin Stuckey has resigned his position at the State University of Iowa to become president of Sayre College, Lexington, Kentucky.

Mr. John B. Swinney, formerly salesmanager of the Guaranty Securities Corporation in New York and instructor in public secretarial duties at the New York University School of Commerce, Accounts and Finance, has been appointed professor of marketing at Tulane University.

Mr. Donald R. Taft has been appointed instructor in sociology at Ohio State University.

Dr. John G. Thompson has resigned his position as instructor at the University of Illinois and is devoting his time to the completion of a book on *Rural Population*.

Dr. Merle Thompson has been made professor of economics and psychology at Morningside College, Sioux City, Iowa.

Mr. F. M. Thrasher has been appointed instructor in sociology at Ohio State University.

Dr. E. T. Towne, of Carleton College, has been appointed professor of economics and political science and head of the department at the University of North Dakota.

Mr. John C. Traphagen, who has lectured on investments in the New York University School of Commerce, Accounts and Finance, has become treasurer of the Mercantile Trust Company of New York.

Mr. Donald S. Tucker, assistant professor in the department of economics at Wellesley College, is assisting also in the economics department of Tufts College.

Professor T. K. Urdahl, of the University of Wisconsin, is absent during the first semester assisting in the Federal Trade Commission at Washington.

Mr. J. Viner has resigned as instructor at the University of Chicago to accept a position with the Tariff Commission.

Dr. Gordon Watkins has received appointment in the department of economics at the University of Illinois.

Dr. H. B. Whaling, formerly associate professor in the University of North Dakota, is now associate professor of transportation in the School of Commerce at the State University of Iowa.

Mr. Otto F. Wilkinson has been appointed instructor in agricultural economics at the Massachusetts Agricultural College.

Professor F. E. Wolfe, formerly at Colby College, has been elected to the Homer E. White professorship of economics and head of the department of economics and sociology at Ohio Wesleyan University.

Dr. Leo Wolman has been granted leave of absence from Johns Hopkins University for service in the Statistical Division of the Council of National Defense.

Mr. Robert M. Woodbury has resigned his position as assistant professor of economics at the University of Kansas to take a position in the Department of Labor at Washington.

Professor Allyn A. Young, of Cornell University, is Director of the Bureau of Research of the War Trade Board at Washington.

Professor Arthur N. Young, of Princeton University, is serving under the Board of Export Control at Washington.

Eugen von Philippovich, professor of economics at Vienna University, died June 6, 1917.

Professor Gustav Schmoller died June 27, 1917, at the age of seventy-nine. From 1882 to 1913 he was professor at the University of Berlin. An extended notice of his life may be found in the *Economic Journal* for September, 1917, pages 435-438.